

Title (en)

Undersea equipment housing with molded cable terminations

Title (de)

Gehäuse für Unterseeausrüstung mit vergossenen Kabelenden

Title (fr)

Boîtier d'équipement sous-marin muni des terminaisons à câble moulées

Publication

**EP 1762872 A1 20070314 (EN)**

Application

**EP 06120266 A 20060907**

Priority

US 22157205 A 20050908

Abstract (en)

An undersea equipment housing (100) includes an inner housing (110), molded terminations (120a, 120b) secured at each end (112a, 112b) of the inner housing (110) and an outer strength housing (130). In one embodiment, the housing (100) is used to house optical and electrical equipment (102), for example, in a repeater. The undersea equipment housing (100) may also include a molded portion (140) around an inside of the inner housing (110). The molded portion (140) and the molded terminations (120a, 120b) provide voltage isolation.

IPC 8 full level

**G02B 6/46** (2006.01); **G02B 6/50** (2006.01); **H02G 15/04** (2006.01); **H02G 15/14** (2006.01); **H04B 10/29** (2013.01)

CPC (source: EP US)

**G02B 6/4428** (2013.01 - EP US); **G02B 6/4448** (2013.01 - EP US); **H02G 15/14** (2013.01 - EP US)

Citation (search report)

- [XY] JP H04101102 A 19920402 - FUJITSU LTD
- [XY] EP 0389206 A2 19900926 - STC PLC [GB]
- [A] GB 2145580 A 19850327 - BRITISH TELECOMM
- [A] GB 870743 A 19610621 - PIRELLI
- [A] JP H07231283 A 19950829 - NEC CORP
- [A] JP H02250278 A 19901008 - FUJITSU LTD
- [A] GB 742837 A 19560104 - VICKERS ARMSTRONGS LTD
- [A] JP S6068302 A 19850418 - FUJITSU LTD

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1762872 A1 20070314**; **EP 1762872 B1 20110907**; AU 2006209685 A1 20070322; AU 2006209685 B2 20111215; CA 2557434 A1 20070308; CA 2557434 C 20130319; JP 2007072469 A 20070322; JP 5388321 B2 20140115; US 2007053645 A1 20070308; US 7278789 B2 20071009

DOCDB simple family (application)

**EP 06120266 A 20060907**; AU 2006209685 A 20060906; CA 2557434 A 20060829; JP 2006243835 A 20060908; US 22157205 A 20050908